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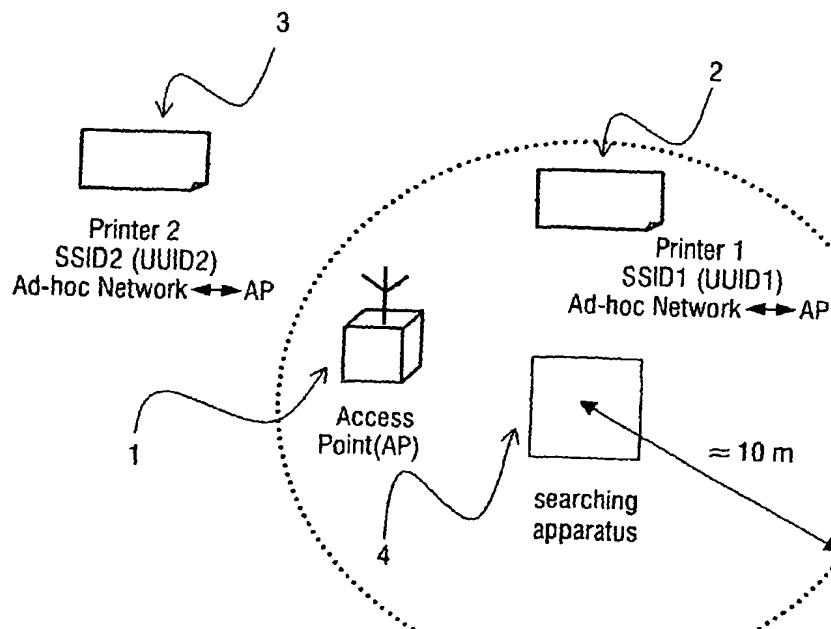
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(54) Title: DISCOVERING PROXIMATE APPARATUSES AND SERVICES IN A WIRELESS NETWORK



(57) Abstract: A searching apparatus is put into the position of identifying the available apparatuses and services in its proximity in that an apparatus to be discovered periodically separates itself from its Access Point and builds up its own Ad hoc Network (AHN) which can be recognized via its Service Set Identifier (SSID) by the searching apparatus.



GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 03/003610 A (NOKIA CORP ; NOKIA INC (US)) 9 January 2003 (2003-01-09)</p> <p>abstract</p> <p>page 2, line 21 - page 4, line 32</p> <p>page 6, line 28 - page 9, line 8</p> <p>page 18, line 2 - line 20</p> <p>page 20, line 4 - line 20</p> <p>page 22, line 24 - line 32</p> <p>page 30, line 11 - page 31, line 30</p> <p>page 34, line 11 - line 28</p> <p>page 46, line 11 - line 14</p> <p>figures 1,1A-1G</p> <p>-----</p> <p>-/-</p>	1-10

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- "8" document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
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European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Alonso Maleta, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2002/184304 A1 (MEADE WILLIAM K ET AL) 5 December 2002 (2002-12-05)</p> <p>abstract</p> <p>paragraphs '0003!, '0004!, '0006!, '0007!</p> <p>paragraphs '0011!, '0012!, '0023!, '0028! - '0030!</p> <p>paragraphs '0033!, '0043! - '0045!, '0047!</p> <p>paragraphs '0055! - '0057!; figures 1A,2</p> <p>-----</p>	1-10
A	<p>AGENTS IN AD HOC ENVIRONMENTS, 'Online! 23 August 2002 (2002-08-23), pages 1-16, XP002297920</p> <p>Retrieved from the Internet: URL:http://www.fipa.org/docs/input/f-in-00068A.htm</p> <p>'retrieved on 2004-09-23!</p> <p>page 5, line 12 - line 40</p> <p>page 7, line 2 - page 9, line 11</p> <p>page 12, line 23 - line 50</p> <p>-----</p>	6-8

INTERNATIONAL SEARCH REPORT**Information on patent family members**International Application No
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WO 03003610	A	09-01-2003	EP WO	1400031 A1 03003610 A1		24-03-2004 09-01-2003
US 2002184304	A1	05-12-2002	DE	10220891 A1		12-12-2002